

# INTERNATIONAL SEARCH REPORT

GB2004/002625

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G02B6/20

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/026667 A1 (OKAMOTO KATSUNARI ET AL) 4 October 2001 (2001-10-04) cited in the application paragraph '0022!; figures 7,12 paragraph '0056! - paragraph '0059! paragraph '0071! - paragraph '0076!	1-17, 19-24, 27,29-31
Y		18,25, 26,28, 32-34
Y	SAITOH K ET AL: "Highly birefringent photonic bandgap fibers and its dispersion properties" INTERNATIONAL TOPIC MEETING ON MICROWAVE PHOTONICS, 5 November 2002 (2002-11-05), pages 329-332, XP010623188 the whole document	18,25, 26,28

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

3 August 2004

Date of mailing of the international search report

17/09/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	ORTIGOSA-BLANCH A ET AL: "HIGHLY BIREFRINGENT PHOTONIC CRYSTAL FIBERS" OPTICS AND PHOTONICS, OSA, WASHINGTON, DC, US, vol. 12, no. 12, December 2001 (2001-12), page 17, XP008000342 ISSN: 1047-6938 the whole document	32, 34
Y	KURMU V V R K ET AL OPTICAL SOCIETY OF AMERICA / INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS: "Modified group-velocity dispersion in extruded photonic crystal fiber" OPTICAL FIBER COMMUNICATION CONFERENCE. (OFC). POSTCONFERENCE DIGEST. ATLANTA, GA, MARCH 23 - 28, 2003, TRENDS IN OPTICS AND PHOTONICS SERIES. (TOPS), WASHINGTON, DC : OSA, US, vol. TOPS. VOL. 86, 23 March 2003 (2003-03-23), pages 300-301, XP010680120 ISBN: 1-55752-746-6 the whole document	33
X	WO 00/49435 A (UNIV BATH ; BIRKS TIMOTHY ADAM (GB); KNIGHT JONATHAN CAVE (GB); RUSSEL) 24 August 2000 (2000-08-24) page 9, line 1 - line 9 page 11, line 13 - line 20; figure 4 page 13, line 31 - page 14, line 4	1-15, 19-21, 29-31
A	KNIGHT J C ET AL: "PHOTONIC BAND GAP GUIDANCE IN OPTICAL FIBERS" SCIENCE, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE,, US, vol. 282, no. 5393, 20 November 1998 (1998-11-20), pages 1476-1478, XP001009986 ISSN: 0036-8075 page 1478	1-34

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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			EP 1340725 A2	03-09-2003
			EP 1385028 A1	28-01-2004
			WO 0049435 A1	24-08-2000
			WO 0049436 A1	24-08-2000
			JP 2002537574 A	05-11-2002
			JP 2002537575 A	05-11-2002
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